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Concept Details

Consensus Sequence

A theoretical representative nucleotide or amino acid sequence in which each nucleotide or amino acid is the one which occurs most frequently at that site in the different sequences which occur in nature. The phrase also refers to an actual sequence which approximates the theoretical consensus. A known **CONSERVED SEQUENCE** set is represented by a consensus sequence. Commonly observed supersecondary protein structures (**AMINO ACID MOTIFS**) are often formed by conserved sequences.

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